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1966

TERRA MARIAE

UNIVERSITY OF MARYLAND
1807 - 1856 - 1920

SCHOOL OF PHARMACY
BALTIMORE, MARYLAND

DEDICATION

DR. JAMES LESLIE

"If a person is to remain in education, he should devote himself to the progressive education of the student."

So runs the personal credo of Dr. James Leslie. That devotion underlies his approach to not only fundamental education, but also to the activities which engage his attention from time to time. It is a statement of a principle that has separated good instructors from mediocre instructors.

As instructor in Physical Chemistry, he emphasizes not the rote memorization of a jumble of equations, but the understanding of a more general principle which lends itself more readily to application in solving practical problems.

As advisor to the Class of '66, Dr. Leslie has conscientiously administered this difficult, but critically important post. The genuine concern with which he meets students' complaints and problems is an admirable quality which establishes a desirable student-faculty rapport.

As faculty advisor to Rho Chi Society since 1964, Dr. Leslie holds a similar high regard for the interests of this scholarly organization as he does for the Class of '66.

One meeting with Dr. Leslie will indelibly impress most people. For he possesses in large measure what many lack, namely a keen sense of humor. Those who have had the opportunity to get acquainted with this gentleman from Ireland have enjoyed a more pleasant experience during their years at the School of Pharmacy.

Dr. Leslie took his B.Sc. in Chemical Technology (1956) and later his Ph.D. in Chemistry (1959) at Queens University, Belfast, North Ireland, also his birthplace. After a three year assistantship appointment in Chemistry and Pharmacy at Belfast College of Technology, Dr. Leslie became a Fellow in Physical Organic Chemistry at Oklahoma State University (1959). There he continued two years later as a Research Associate and Assistant Professor in Chemistry. After a year as Assistant Professor at Washington College (1962), he assumed a similar position here at the School of Pharmacy.

Dr. Leslie's research activities have been published in several journals: Journal of Chemistry Society, Canadian Journal of Chemistry, Archives of Biochemistry and Biophysics, Analytical Biochemistry, Journal of Organic Chemistry and Abstracts presented at the 138th and 145th Annual Meetings of the American Chemical Society.

Other professional activities include being an Associate of the Royal Institute of Chemistry and a Fellow of the Chemistry Society (both in London), a member of the American Chemical Society, Phi Lambda Upsilon and Rho Chi Society.

DR. NOEL E. FOSS

Dean of the School of Pharmacy

DEAN'S MESSAGE

A commencement is invariably a memorable occasion, and I am grateful for the opportunity of sharing this one with you.

As you enter upon your chosen field of endeavor, it is a good time for you to reflect on the profession of pharmacy. Think of how much your national, state and local pharmacy organizations have been doing for you during the years you have been enrolled in the School of Pharmacy – the laws that are yours, the countless privileges and advantages that are yours – all because you have chosen pharmacy as a career.

You have been preparing for a professional career in pharmacy, one of the health sciences and professions, but your education up to the present time has been preparation. It is our hope that you will continue your education throughout your entire professional career. and I urge you to attend seminars, participate in association meetings and professional discussions in the future.

The faculty, staff and administration join me in wishing you success, health and happiness in your pharmacy profession.

NOEL E. FOSS
Dean and Professor of Pharmacy
Ph.C., South Dakota State College, 1929; B.S. in Pharm., 1929; M.S., University of Maryland, 1932; Ph.D., 1933.

LESLIE C. COSTELLO
Professor of Anatomy and Physiology
B.S., University of Maryland, 1952; M.S., 1954; Ph.D., 1957.

CASIMIR T. ICHNIOWSKI
Emerson Professor of Pharmacology
Ph.G., University of Maryland, 1929; B.S. in Pharm., 1930; M.S., 1932; Ph.D., 1936.

FRANCIS M. MILLER
Professor of Pharmaceutical Chemistry
B.S., Western Kentucky State College, 1946; Ph.D., Northwestern University, 1949.

DONALD E. SHAY
Professor of Microbiology
B.S., Lebanon Valley College, 1937; M.S., University of Maryland, 1938; Ph.D., 1943.

FRANK J. SLAMA
Professor of Pharmacognosy
Ph.G., University of Maryland, 1924. Ph.G., 1925. B.S. in Pharm., 1928. M.S., 1930. Ph.D., 1935.

BENJAMIN F. ALLEN
Associate Professor of Pharmacy
B.S. in Pharm., University of Maryland, 1937. Ph.D., 1949.

RALPH E. SHANGRAW
Associate Professor of Pharmacy
B.S. in Pharm., Massachusetts College of Pharmacy, 1952; M.S., 1955; Ph.D., University of Michigan, 1959.

NICOLAS ZENKER
Associate Professor of Pharmaceutical Chemistry
Candidat en Sciences Chimiques, University of Louvain, 1948; M.A., University of California, 1953; Ph.D., 1958.

ELIE ABUSHANAB
Assistant Professor of Pharmaceutical Chemistry
B.S. in Pharm., American University of Beirut, 1960; M.S., University of Wisconsin, 1962; Ph.D., 1965.

ADELE B. BALLMAN
Assistant Professor of English
A.B., Goucher College, 1926; Ph.D., Johns Hopkins University, 1935.

CARL W. DRIEVER
Assistant Professor of Pharmacology
B.S. in Pharm., Purdue University, 1961; M.S., 1963; Ph.D., 1965.

KENNETH L. EULER
Assistant Professor of Pharmacognosy
B.S. in Pharm., University of Pittsburgh, 1959; M.S., 1963; Ph.D., University of Washington, 1965.

GEORGE N. KRYWOLAP
Assistant Professor of Microbiology
B.S., Drexel Institute of Technology, 1960; M.S., Pennsylvania State University, 1962; Ph.D., 1964.

PETER P. LAMY
Assistant Professor of Pharmacy
B.S. in Pharm., Philadelphia College of Pharmacy, 1956; M.S., 1958; Ph.D., 1964.

DEAN E. LEAVITT
Assistant Professor of Pharmacy Administration
B.S. in Pharm., University of Maryland, 1954; M.S., 1957; M.B.A., 1964.

JAMES LESLIE
Assistant Professor of Pharmaceutical Chemistry
B.Sc., Queens University, North Ireland, 1956; Ph.D., 1959.

EARL F. BECKER, JR.
Instructor in Microbiology
B.S., Muhlenberg College, 1951; M.S., George Washington University, 1957.

LOUIS DIAMOND
Instructor in Pharmacology
B.S. in Pharm., University of Maryland, 1961; M.S., 1964.

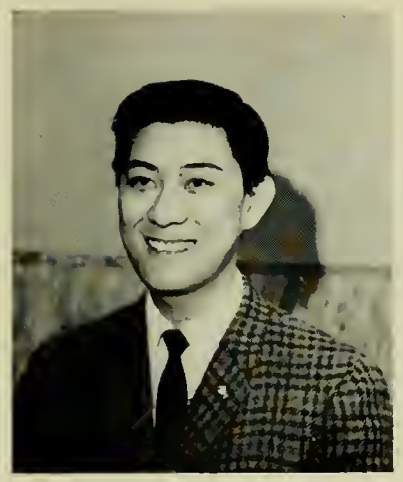
MARJORIE S. GOLDBERG
Junior Instructor in Anatomy and Physiology
B.S. in Pharm., University of Maryland, 1963.

RICHARD D. DEAN
Lecturer in Mathematics
B.S., University of Maryland, 1950; M.Ed., Johns Hopkins University, 1954.

JOSEPH S. KAUFMAN
Lecturer in Pharmacy Administration
A.B., University of Maryland, 1950, LL.B., 1953.

LARRY AUGSBURGER
Graduate Assistant
B.S. in Pharm., University of Maryland, 1962; M.S., 1965.

LILLIAN L. DURAGO
Graduate Assistant
A.B., Goucher College, 1955; M.S., University of Maryland, 1962.



DICK T. K. FONG
Graduate Assistant
B.S. in Pharm., Philadelphia College of Pharmacy, 1963.

IRA J. FRANKEL
Graduate Assistant
B.S. in Pharm., Brooklyn College of Pharmacy, 1965.

MARY E. KITLER
Graduate Assistant
B.S. in Pharm., Philadelphia College of Pharmacy, 1961; M.S., 1962.

BARRY N. LUTSKY
Graduate Assistant
B.S., University of Maryland, 1965.

CHARLES J. SCHUTZ
Graduate Assistant
B.S. in Pharm., University of Maryland, 1965.

FREDERICK H. WAGNER
Graduate Assistant
B.S. in Pharm., University of Maryland, 1957.

WALTER D. WALKLING
Graduate Assistant
B.S. in Pharm., University of Maryland, 1961; M.S., 1963.

THE FACULTY AT A GLANCE

OFFICE STAFF

Seated: Mrs. Daisy Gue, Mrs. Doris Kennedy, Miss Margaret Beatty. *Standing:* Mrs. Agnes M. Forestell.

HONORS DAY CONVOCATION

Bill Moore sworn in as SGA president.

Dr. Albin O. Kuhn speaks

Bill Edmondson accepts APhA funds

GRADUATES

OFFICERS OF FIFTH YEAR CLASS

Seated: E. Johnson, J. Dailey, M. Weiner, Dr. Leslie. *Standing:* R. Heer, J. Pineus, J. Donnelly.

OFFICERS

President	Myron Weiner
Vice-President	John Dailey
Secretary	Eugene Johnson
Historian	Roger Heer
SGA Representative	John Donnelly
Faculty Advisor	Dr. James Leslie

CAROLYN JANE AVERY
3648 Paskin Pl.
Lambda Kappa Sigma 3, 4, 5; President 3, 4, 5; APhA 3; Alumni Frolic 3; Dean's List 3.

JOHN THOMAS BERRY
5506 Willys Ave.
Phi Delta Chi 3, 4, 5; Prelate 4, 5; APhA 3, 5.

BARRY LOUIS BLOOM
5800 Key Ave.
Alpha Zeta Omega 3, 4, 5; Alumni Frolic 3.

MITCHELL ALVIN CHRISTIAN
7827 F West Collingham Drive
APhA, 3, 4, 5; Dean's Medal 3.

MICHAEL JAY COHEN
6808 Williamson Avenue
Alpha Zeta Omega 4, 5; Chaplain, Athletic Chairman 4, 5; APhA 3, 4, 5; Alumni Frolic 3.

ANTHONY LEO COURPAS
3028 Glenmore Ave.
Phi Delta Chi 3, 4, 5; Treasurer 3, 4. APhA 3, 4; Class Treasurer 3, 4. Alumni Frolic 3.

JOHN WILLIAM DAILEY

315 Maryland Avenue, Westernport, Md.

Phi Delta Chi 3, 4, 5; Secretary 5; Rho Chi 5; APhA 3, 5; Class Vice-President 5; IPSS Representative 5; Terra Mariae 5; Career Day 4; Dean's Medal 3, 4; Dean's List 5.

JOHN ALLEN DONNELLY

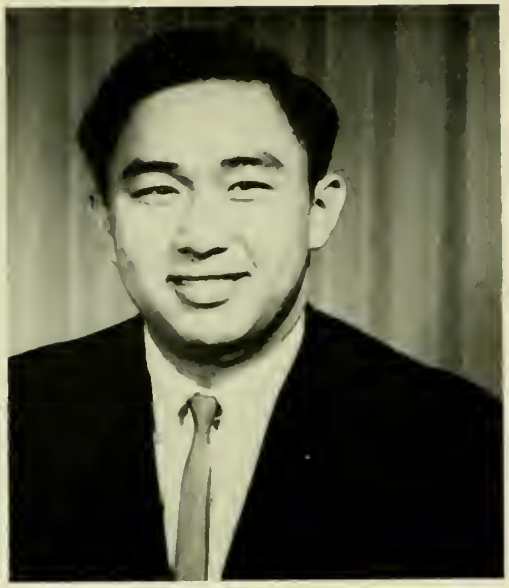
3615 Fairhaven Ave.

Phi Delta Chi 3, 4, 5; Pill Post Editor 5; APhA 3, 4, 5; SGA Representative 5; SGA Treasurer 5; Alumni Frolic 3; Dean's List 3.

WILLIAM HENRY EDMONDSON

4626 Knox Road, College Park, Md.

Phi Delta Chi 3, 4, 5; Corresponding Secretary 4; President 5; APhA 4, 5; President 4, 5; Alumni Frolic 3; National Poison Prevention Week display 5; National Diabetes Week display 5; Career Day Organizer 4, 5; Dean's List 5; Extracurricular Medal 4.



FREDRICK ENG
5509 Belair Road
Alpha Zeta Omega 4, 5; Pledge Master 5; APhA 3; Dean's Medal 3.

SHELDON NORMAN ERDMAN
2611 Shirley Avenue
Alpha Zeta Omega 3, 4, 5; APhA 3; Dean's List 5.

BERNARD ALOYSIUS FISCHER, III
4517 Kenwood Avenue
Phi Delta Chi 4, 5; Treasurer 4. APhA 3, 4, 5. College Park Recruiting Committee Chairman 4; Alumni Frolic 3; Career Day Representative 4.

CHARLES ALEXANDER FLEISCHER

7907 Oakwood Road

Phi Delta Chi 4, 5; Historian 4; Vice-President 5; APhA 3, 4, 5; College Park Recruiting Committee 4; Class Vice-President 4; IPSS Representative 4; Terra Mariae 5; Dean's Medal 3, 4.

ROGER GLENN HEER

805 Starbit Court

APhA 3, 4, 5; College Park Recruiting Committee 4; Career Day 4; Class Historian 5; Terra Mariae 5.

GARY LEE HESS

2063 Beechwood Ave.

Alpha Zeta Omega 4, 5; APhA 3, 4; Alumni Frolic 3.

RONALD HARVEY HOFFMAN
8910 Maplewood Avenue
Alpha Zeta Omega 4, 5; Sub-Bellarum 4; APhA 3.

EUGENE MALCOLM JOHNSON, JR.
2420 Bridgehampton Drive
APhA 3; Class Secretary 5; Dean's Medal 3; Dean's List 4.

MELVIN LESSING
7622 Labyrinth Rd.
Alpha Zeta Omega 4, 5, APhA 3, 4, Alumni Frolic 3, Career Day Representative 4.

RONALD LEE LINDENBAUM

5436 Fairlawn Avenue

Alpha Zeta Omega 3, 4, 5; Parliamentarian 5; APhA 3; Alumni Frolic 3; Dean's List 4.

LAWRENCE LEO MARTIN, JR.

3811 Ednor Road

Phi Kappa Phi 5; Rho Chi 5; Secretary-Treasurer 5; Dean's Medal 3, 4; Dean's List 5.

HOWARD BARRY MEYER

4806 Clifton Avenue

Alpha Zeta Omega 3, 4, 5; APhA 3, 4; Alumni Frolic 3; Dean's List 3.

WILLIAM CARLTON MOORE

Rehoboth Beach, Delaware

Phi Delta Chi 4, 5; Master-at-Arms 5; APhA 3, 4, 5; Class President 3, 4; SGA Executive Council 3, 4, 5; Treasurer 4; President 5; Alumni Frolic 3; Terra Mariae 4; Dean's Medal 3; Extracurricular Medal 4, 5.

ROBERT ALLEN MUSCH

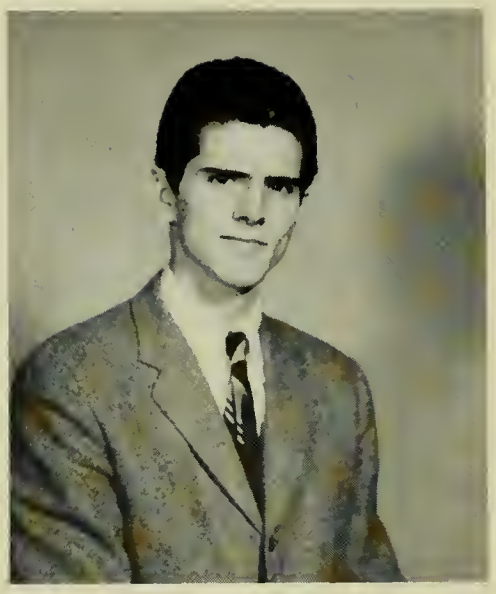
3914 Yolando Road

APhA 3, 4, 5; Terra Mariae 5.

JOAN MARIE NEINER

RFD #1, Box 919, Sulphur, Louisiana

APhA 3, 4, Class Secretary 3, 4, SGA Secretary 3, Alumni Frolic 3; Terra Mariae Staff 4, Extracurricular Medal 3, 4.



JACK HOWARD PINCUS

5358 Cuthbert Avenue

Alpha Zeta Omega 3, APhA 3, 4; Class Treasurer 5; Alumni Frolic 3; Freshman Orientation 5; Dean's Medal 4; Dean's List 5.

MARSHA JANE RAYMAN

3638 Austin St. SE, Washington, D.C.

APhA 3, 4.

JENINA DANUTE SPURAS

1321 James Street

Lambda Kappa Sigma 3, 4, 5; Vice-President 3, 4, 5; APhA 3, 4, 5.

STANLEY BERNARD TANNEBAUM

2514 Summerson Road

Alpha Zeta Omega 3, 4, 5; Holder of File 4, 5; Corresponding Secretary 5; APhA 3, 4; Class Historian 3, 4; Alumni Frolic 3, Terra Mariae 5; School open house 5.

JOHN MARSHALL TIMS

8429 57th Avenue, College Park, Maryland

APhA 3, 4, 5; Dean's Medal 3; Dean's List 4; Career Day Representative 4.

DAVID MARTIN VIA

6711 B Townbrook Drive

Alpha Zeta Omega 3, 4, 5; Treasurer 4, 5; APhA 3, 4; SGA Representative 3, 4; SGA Vice-President 4; Chairman Greek Letter Council 4; Alumni Frolic 3; College Park Recruiting Committee 4; Career Day 4; Dean's Medal 3; Dean's List 5; Extracurricular Medal 4.

MYRON WEINER

5724 Jonquil Avenue

Alpha Zeta Omega 3, 4, 5; Pledge Class Chairman 3; Pledgemaster 4; Sub-Directorum 5; Rho Chi 4, 5; President 5; APhA 3, 4; Greek Letter Council 4; Class Vice-President 3; Class President 5; Alumni Frolic 3; "To Promote Good Will" Representative 5; Dean's Medal 3; Dean's List 5.

Now, if I can get my finger out of here.

Who us swap Prescriptions?

Look Larry! It's a thumb.

THE GREAT HISTORY OF THE PHARMACY SCHOOL CLASS OF 1966

It all started five long years ago when over sixty-eight students came from many places to start on the path to pharmacy. After two years of College Park life and one semester of quantitative analysis, our number suddenly diminished to forty-five. But finally, for many of us, we moved on to the great wonders of the cement campus at Baltimore. Although closer to home for most, each day provided a game of hide and seek (or find the hidden parking place) and ring around the block (or that darn cop in the tow truck).

Our first professional year, the year of the "Ga-Zunt-Hight," gave us an idea of what we were in for. We found that simple math wasn't so simple, and that most of the class is allergic to cats (especially anatomy lab cats, most had to leave the room after only three or four hours of dissection). Processes and Dosage Forms with Dr. Lamy was like the "Fall of the Fourth Reich"; but he taught us to label everything – preparations, flasks, percolators, ring stands, filters, etc.

We also learned the art of filtration with one hand placed over the filter paper to prevent the punning lab instructor, Mr. Block, from pointing out poor techniques. Two very valuable courses in this year taught by Dr. Adele Ballman were: Pharmacy 35 which covered "bibliographical methods, oral and written reports, communications, conduct of discussion groups, and the use of audiovisual aids" (?); and Pharmacy 38 which covered the history of pharmacy from early Sir Francis Bacon to late Sir Francis Bacon with special emphasis on Scuttle Fish and Sir Francis Bacon. All things considered, it was a pretty hammed up course. Quantitative Pharmaceutical Analysis with Dr. Zenker made us wonder how anything ever got analyzed. All semester we hoped for one experiment to work, but, because everyone's lab partner had ten thumbs, it was to no avail. And so, our first professional year came to an end with everyone eagerly anticipating the next semester.

Essentially, the fourth year will be remembered as "That Was the Year That Was!" The instructors during this year never ceased to amaze us. Biochemistry laBORatory was just a repeat of the quant; nothing worked! And the lecture, oy-vay, a tape recorder would not run so fast. But credit must be given where credit is due. Essentially, the Microbiology Department outdid itself, with seventeen different lecturers and three guest appearances by Dr. Shay. Everyone will agree that the exam questions were taken straight from Dr. Shay's lavatory. But Thanks to the help of Dr. Krywolap and that All-American lab instructor, Mr. Becker, we made it through in spite of their efforts.

Essentially, what we learned in Pharmaceutical Technology, which was essentially taught by Dr. Shangraw, was the use of methylcellulose, microcrystalline cellulose and phase diagrams as a solution to essentially any problem. Essentially, this was a technical course which gave us a basic knowledge of how things worked and provided us with some interesting exams. The reason they were so interesting was due to the fact that one never knew what condition exams would be returned in – some with water spots (from being corrected in a bath tub), jelly stains, etc.

But then there was good ole physiology. The lectures were terrific, Dr. Costello was really an artist, and the lab was interesting under the direction of Dr. "Tab Hunter" Fredricks. But, oh, those exams! Everyone knew all the answers, it was just figuring out those questions that was so hard. However, there were a couple of useful courses. One was First Aid, with Mr. Gregson, where we learned how to treat emergencies such as fainting spells caused by high prescription prices; a typing course (alias Pharmacognosy) by Dr. Slama where it seemed as though we recopied the whole USP and NF in making up lab reports; and an average recuperation course conducted by our dear friend, Mr. Burbage, whose advice of seeing the people, seeing the right people, etc., we will never forget.

One real highlight of the year was our trip to Eli Lilly Company in Indianapolis. After a sixteen hour trip in an unheated coach we arrived fresh as elm bark in the midst of a warm spell (it was —5°). After two days of steaks, touring the plant and enjoying the lively night life of the town, we hurried back (it was now —12°) for registration. The second big event of the year was our annual class picnic which this year was held at John Donnelly's summer resort house which included among its assets a nine-hole baseball diamond. The softball game became quite heated that day as AZO and Chuck Fleischer battled the now famous Phi Delta Chi "Bombers." Some of the highlights were John Dailey's splintered thumb from pre-game practice, Bill Moore's fantastic slide across a cinder block home plate to be tagged out, and Stan Tannebaum's exhibition of acrobatics as he fell into the first base pit. Much to our disbelief, the year finally ended and everyone looked toward the fifth and final year starry eyed.

The fifth year became the "Year of the TreMENdous Relief." You see, most of us could see only one thing, for example, the end. This year held two pharmacy courses for us. One a professional triangle which rotated between hospital pharmacy, manufacturing pharmacy and drug accessory items; and the other a course in how to utilize heat (1000-1500°) in making pharmaceutical preparations, for example, by Dr. Allen. This latter "world's record breaking" course also taught us how to get into a foul mood when nosey customers start asking questions. Despite all of this, some students did get something out of the course. Chemistry of Medicinal Products turned into a way out course with Dr. Elie Abushanab. Half of the class prayed each day that Israel and Syria would not have any border scrimmages. Famous last words of the Chemistry Department were utilized by this instructor also, "don't memorize structures, but if I name a compound I will expect you to know its structure."

Mr. Kaufman, his blue shirts, his cheery "good morning, ladies and gentlemen" and his partner, Ronnie Schrieber, who knows less than Joe, who knows less than us, who probably know less than him, were unforgettable highlights in our law course. Pharmacology gave us an insight in how to counter prescribe. During the lectures, Dr. Ichniowski's armamentarium of magnificent dictum leads to an etiology of "monotonomimetic," hypoconscious manifestations. However, a central stimulant was slipped in when Dr. Driever moved the lecture pace from 15 wph to 105 wpm. Other interesting courses were Pharmacy Management where we managed to avoid Mr. Leavitt's topics for 29 out of 30 weeks; and Entomology, where we discovered how to fumigate a chicken house and catch flies on a string. Dr. Slama also tossed some of us such essential data as the pulse rate of the elephant and the rectal temperature of the camel in Animal Health. And Dr. Allen's cosmetics course proved to be a "musk" for others.

But now, we have come to an end of an era. I'm sure everyone will agree that it was a rough, long, sometimes aggravating journey, but we all had one heck of a time doing it. There are memories here some of us will never forget. And now, we face our goal, the first of many for most. But with each one of us we take a part of the school, for each of us consists of a segment from each instructor. We represent their finished product and our actions will always reflect back to them and our school. With both joy and sorrow, we bid thee farewell, Pharmacy School, for we must proceed ever forward to carry on your great tradition.

Eli Lilly, we love you.

Watch it Gene! They leak.

Two pints of ice cream and how many sodas?

Candid what?

It was cold in Indianapolis.

UNDERGRADUATES

CLASS OF 1967

First Row: D. Cohen, R. Dubansky, J. Freedman. *Second Row:* A. Groman, P. Trost, J. Hill, M. Will, M. Shmidman, F. Frankenfeld, R. Sanford, S. David. *Third Row:* S. McCabe, J. Golob, C. Alpert, C. Taylor, H. Stromberger, P. Telak, P. Kovalsky, A. Jaskulski, R. DeNeale, A. Lehman, S. Buckner, Dr. Allen. *Fourth Row:* L. Jacobs, J. Newcomb, D. Gold, A. Grabush, H. Sherman, B. Hommerbocker, A. Blitz, F. Vykol, S. Needle.

OFFICERS

President — Patrick Trost

Vice-President — Arnold Grabush

Secretary — Marcia Will

Treasurer — Ronald Sanford

Historian — Stephen David

SGA Representative — Fred Frankenfeld

Faculty Advisor — Dr. Benjamin Allen

Now that our Class of 1967 has completed its first year of professional schooling, most of us have finally adjusted to the new atmosphere of the concrete campus. The transition period for the most part has been successfully completed and the future pharmacists have fallen into the proper groove.

The next big worry, getting through the fourth year, proved to be our greatest challenge to date. From Biochemistry to Pharmacognosy to Microbiology — we never quite know whether we are coming or going.

Thanks to the big "Blizzard of '66," our class trip to Wyeth over the semester break was cancelled. Heaven forbid a blizzard next year which would cancel our much anticipated trip to Eli Lilly.

CLASS OF 1968

First Row: E. Majchrzak, G. Lesser, J. Balch, Dr. Euler, J. Barker, H. Sohmer, U. Pironis. *Second Row:* C. Priller, J. Ricci, J. Neuman, K. Rosenbluth, P. Hill, E. Krawiecki, E. Smith, P. Welsh. *Third Row:* P. Pfieffer, G. Bohle, S. Cohen, R. Adams, L. Solomon, N. Feldman, W. Statter, L. Howard, W. Dyke, M. Ginsberg, G. Nash, R. Griffiths. *Fourth Row:* B. Edelman, C. Hirsch, L. Rolf, J. Ackman, L. Mierzwicki, A. Honkofsky, M. Wolff, R. Gerstein, T. Dirnberger, J. Motsko. *Absent:* P. Larkin, B. Lawrence, J. Kenny, W. Samios.

OFFICERS

President ..... John Ricci

Vice-President ..... John Barker

Secretary ..... Joann Neuman

Treasurer ..... Thomas Dirnberger

Faculty Advisor ..... Dr. Kenneth Euler

Undaunted by the forewarnings of upper classmen, into the halls of Dunning came thirty-six young, daring, knowledge seeking souls in search of a B.S. degree in Pharmacy. Awaiting us was a vast new horizon clouded with academic fervor, new rules, and personalities that radiated the profession of Pharmacy.

The academic tide moved upon us quickly and it did not take long to find out that origin, action, and insertion were not merely social terms. We quickly overcame the drawbacks of carbon paper in writing lab reports and apprehensively sought the formula for the mechanical advantage of the screwdriver. The rules for survival on this new frontier made life on the outside worthwhile, and life on the inside much more trying than was expected.

However, we must stumble along our merry way and hope that the B.S. for which we are searching will be our true reward.

ORGANIZATIONS

STUDENT GOVERNMENT ALLIANCE

Seated: J. Donnelly, P. Trost, W. Moore, J. Barker. *Standing:* J. Balch, F. Frankenfeld, M. Weiner.

OFFICERS

President ---------- William Moore

Vice-President ---------- Patrick Trost

Secretary ---------- John Barker

Treasurer ---------- John Donnelly

Members of the Executive Council — Myron Weiner, Fredrick Frankenfeld, John Balch

PRESIDENT'S MESSAGE

It has been a distinct honor for me this past year to have been president of the Student Government Alliance.

Although the list of accomplishments was not great, I feel that the executive council served as a valuable meeting place to which students could bring their complaints and ideas. In a school with a structure such as ours, there is little more that we could have done.

Our main project of the fall semester was the Fall Frolic Dance which was sponsored by the alumni association. This was planned by the executive council and in effect by all the students of the school. Although the dance was a success, I feel that the most valuable result of it was that all three classes got to work together for a common goal — and they did a good job.

For the spring the SGA directed the elections and it sponsored the annual school picnic.

These projects and a few meetings at which SGA problems and some original ideas were discussed make up the 1965-66 school year for the alliance. It was a good year and I bid it and the students left behind farewell.

I want to take this opportunity to thank those who worked on the executive council for all their help, for surely without them the council could not have accomplished a thing. I would like also to extend my sincere best wishes for many more successful years for the SGA.

AMERICAN PHARMACEUTICAL ASSOCIATION
MARYLAND PHARMACEUTICAL ASSOCIATION
STUDENT BRANCH

J. Newcomb, S. Buchner, W. Edmondson, P. Trost.

OFFICERS

President	William Edmondson	*Secretary*	Stephen Buchner
Vice-President	Patrick Trost	*Treasurer*	John Newcomb

Meetings of the Student Branch of the APhA-MPA of the University of Maryland have been held monthly during the term 1965-66. This has been an established pattern since the student branch founding on May 28, 1952.

The transition period of the combining of the APhA and MPA into one student branch appears to be complete, and a highly successful and informative year has ended. Meetings have touched on virtually every topic, ranging from a discussion of Pharmacists in the Air Force to The Pharmaceutical Center. Our speakers have been distinguished guests from all walks of life. Representatives from various drug companies have addressed the student body on opportunities for employment and promising careers in many fields.

This year we sent a representative to the national convention in Dallas, Texas; and there has been a proposal to establish a new branch for pre-pharmacy students at the College Park campus. Due to this growth and the view toward a shining future, the term 1965-66 will long be remembered.

RHO CHI SOCIETY

Seated: Sr. Jane Marie Brown, C. Whang, G. Lleander, M. Weiner, L. Martin, Dr. Leslie, Dr. Shay, Dr. Miller, Dr. Abushanab. *Second Row:* Dr. Ichniowski, Dr. Slama, L. Diamond, Y. Caplan, Dr. Tinney, I. Heyman, J. Milkowski, M. Stein. *Third Row:* K. Vora, A. Rhodes, L. Block.

OFFICERS

President ..... Myron Weiner

Vice-President ..... Charles Schutz

Secretary-Treasurer ..... Lawrence Martin

Historian ..... Glory Lleander

Faculty Advisor ..... Dr. James Leslie

The Rho Chi Society was founded in 1922, with Omicron Chapter at the University of Maryland having been founded and chartered in 1930. Since this time, it has functioned actively to promote the advancement of the pharmaceutical sciences through the encouragement of recognition of intellectual scholarship, to promote scholarly fellowship, and to encourage pharmaceutical research.

Admission into the Society is by election and is considered to be the highest distinct honor that can be bestowed upon a pharmacy student. Essential qualities of Rho Chi members include character, scholarship, leadership and service. The high standards maintained for membership in Rho Chi have resulted in the general recognition of the Society, not only by Pharmacy, but by academic circles generally. The Society is a member of the Association of College Honor Societies.

Rho Chi is an active society providing immediate stimulus to undergraduate scholarship and also to interest students in graduate studies. Regular meetings and other activities emphasize the professional aspects of pharmacy and point the way to instructive study and research. It serves to bring undergraduate students, graduate students, and faculty members together in fraternal and helpful association. By such means, Rho Chi seeks to increase the awareness of the ethical and social responsibilities of the profession and to enhance its prestige.

PHI DELTA CHI

Seated: J. Berry, A. Courpas, J. Donnelly, B. Fischer, W. Edmondson, C. Fleischer, J. Dailey, Dr. Foss. *Standing*: Dr. Ichniowski, Dr. Slama, Dr. Leslie, B. Hommerbocker, W. Moore, P. Kovalsky, F. Frankenfeld, P. Trost, Mr. Leavitt, Dr. Shay.

OFFICERS

President ——— William Edmondson
Vice-President ——— Charles Fleischer
Recording Secretary ——— John Dailey
Corresponding Secretary ——— Fredrick Frankenfeld
Pill Post Editor ——— John Donnelly
Treasurer ——— Bernard Fischer
Master-at-Arms ——— William Moore
Inner Guard ——— William Samios
Prelate ——— John Berry
Historian ——— Paul Kovalsky

Phi Delta Chi was happy to help welcome the class of 1968 to the Baltimore Campus. The Pill Post, the only Pharmacy School newspaper, was out during the first week of school welcoming the new class and providing interesting and informative reading material for all students.

Although 1965-66 was not the most active year for our fraternity, we did sponsor or help to sponsor several programs. The first was a dance on October 2, co-sponsored with Alpha Zeta Omega. It was an open dance at the Holiday Inn, was well attended, and everyone seemed to have an enjoyable evening.

Aside from a few small gatherings by the brothers, the next big event on our calendar was the Phi Delta Chi Grand Council held at Philadelphia on December 27, 28, and 29, 1965. Our representatives, John Newcomb, Barry Hommerbocker, and Fred Frankenfeld, returned to Baltimore full of glowing reports on the success of the meeting and new ideas for running a better and more professional chapter.

On February 9, 1966 we held our annual smoker to help introduce prospective pledges to our members and fraternal ideals. With many undergraduates, faculty, and alumni present, the affair turned out to be quite a success. The buffet dinner was very delectable, and the liquid refreshments and good conversation were plentiful.

For the spring semester the big event was the annual Phi Delta Chi Spring Formal. In the past this affair has Been the highlight of the second semester social calendar, and this year was no exception. To round out the year the brothers provided an impressive and entertaining banquet for the graduating seniors.

We want to congratulate our new actives and wish the graduating seniors good luck. We know they will be successful in whatever they choose to do.

ALPHA ZETA OMEGA

Seated: S. Tannebaum, R. Lindenbaum, J. Freedman, F. Eng, M. Weiner, D. Via, B. Meyer, H. Sherman, B. Bloom. *Standing:* D. Gold, A. Groman, M. Lessing, A. Lehman, R. Hoffman, S. Erdman, G. Hess, S. Buckner, M. Cohen, E. Majchrzak.

OFFICERS

Sub Directorum—Myron Weiner
Sub Exchecheur—David Via
Sub Ballarum—Edward Majchrzak
Recording Secretary—David Cohen
Professional Communications—Stanley Tannebaum
Parliamentarian—Ronald Lindenbaum
Chaplain—Michael Cohen

Maintaining its fine traditions and instituting new ones, Alpha Zeta Omega had one of its finest years. The year's activities began at the Holiday Inn with AZO and Phi Delta Chi co-sponsoring the annual "Back-to-School" affair. The "A-go-go" theme and professional dance exhibition made this an affair to be remembered.

The remainder of the year was taken up with several seminar-breakfast meetings, bowling parties, and athletic events. The 1966 New Year was ushered in at the Lord Baltimore Hotel. Over 100 fraters and guests attended the successful affair.

AZO's undergraduate total was brought to thirty-four with the addition of ten pledges. The well-organized pledge period included a smoker, luncheon at the Baltimore Union, and Alumni induction dinner at Knott's Inn with WCBM radio's John Sterling being an interesting guest speaker.

The AZO undergraduates played host to fraters from other chapters at the 1966 Spring Regional in Mareh at the Sheraton-Belvedere Hotel. This was the most important affair of the year and everyone had a weekend of fun.

AZO plans to make a trip to a pharmaceutical company a traditional project; this year, the scheduled trip to Lederle Labs was cancelled because of the blizzard. This is an example of how AZO continually strives to seek out a greater number of worthwhile activities for its undergraduates.

Congratulations to the graduating seniors and good luck to the new AZO officers.

LAMBDA KAPPA SIGMA

J. Spuras, C. Avery, M. Will

National Pharmaceutical Sorority

EPSILON COLLEGIATE CHAPTER

Flower: *Chrysanthemum* Colors: *Blue and Gold*

Publication: *Blue and Gold Triangle*

OFFICERS

President	Carolyn Avery
Vice-President	Jenina Spuras
Secretary-Treasurer	Marcia Will

TERRA MARIAE

Seated: F. Frankenfeld, J. Dailey, Dr. Slama, C. Fleischer. *Standing:* R. Heer, R. Musch, S. David.

STAFF

Editor _____ John Dailey

Assistant Editor _____ Fredrick Frankenfeld

Business Manager _____ Charles Fleischer

Assistant Business Manager __ Stephen David

Photographer _____ Robert Musch

Staff Member _____ Stanley Tannebaum

Faculty Advisor _____ Dr. Frank J. Slama

Among the pages of the 1966 Terra Mariae are words and photographs which we, the staff, hope will help you to retain the many memories of your life on the Baltimore campus.

There are many people who contributed to this issue and unfortunately we cannot thank each one individually. However, let us take this opportunity to thank all of those who did help.

ALUMNI ASSOCIATION

Hyman Davidov
Honorary President

EXECUTIVE COMMITTEE

ELECTED MEMBERS

Robert J. Kokoski, *Chairman*

John F. Fader, II

Paul G. Gaver

Nathan I. Gruz

Bernard B. Lachman

Solomon Weiner

Harry Wille

Mr. Hyman Davidov was raised in Keystone, West Virginia, where he received his early education and graduated from high school in 1917. He saw military service during the latter part of World War I. At the conclusion of the war, he was discharged; and he immediately entered the School of Pharmacy of the University of Maryland. Mr. Davidov adopted Baltimore as his home and has been a resident of this city since his graduation from Pharmacy School in 1920.

Shortly after graduation, Hyman Davidov became associated with MacGillivray's Pharmacy in Baltimore and became President of the firm of 1923. There he remained until MacGillivray's was sold in 1962.

Mr. Davidov is Past President of the Maryland Pharmaceutical Association, Past President of the Baltimore Retail Druggists Association, Past President of the Alumni Association of the University of Maryland School of Pharmacy, and Past President of the Baltimore Branch of the American Pharmaceutical Association. He holds memberships in all State, Local, and National Pharmaceutical Associations. He has maintained an ardent interest in his alma mater — The University of Maryland. He holds membership in several university organizations including the General Alumni, Baltimore Alumni Club and the Terrapin Club. He is also Past President of the Arex Club.

Mr. Davidov has traveled extensively including three trips abroad. He has a wide circle of friends numbering many in both the dental and medical professions, and he has actively participated in civic and charitable causes.

PRESIDENT'S MESSAGE

HAROLD P. LEVIN
President

The officers and members of the Alumni Association take great pleasure in welcoming the Class of 1966 into the ranks of Pharmacy and into the Alumni Association. You have spent five years in college gaining the foundation on which to build your careers; but your education does not stop at this point. Today, scientific knowledge and technological development are expanding at a rapid pace. It is essential that we keep in constant contact with this expansion. Please accept our sincere congratulations and best wishes on your graduation. May you attain all the goals that you have set for yourselves.

The Alumni Association will continue its support of the extra-curricular and social activities of the undergraduates. We are always looking for ways to improve our relationship with you and welcome your suggestions in order to accomplish this end. We look forward to the day when we can also welcome you as graduates and members of the Alumni Association. Best wishes to you in your endeavors.

Harold P. Levin

AARON M. LIBOWITZ
First Vice-President

CASIMIR T. ICHNIOWSKI
Second Vice-President

FRANK J. SLAMA
Executive Secretary

H. NELSON WARFIELD
Treasurer

Inventory time again?

Wake up Harry.

Get 'em slugger!

And now for our next number.

That's my finger Mike!

LAST WILL AND TESTAMENT
FACULTY

Dean Foss: a thermostat in his office to regulate the temperature in Room 1, and a forgotten benediction

Dr. Abushanab: a season ticket to the Baltimore Colts football games

Dr. Allen: a tremendous amount of time to answer the amazing questions, for example, in pharmacy, you see

Dr. Ballman: time to give spelling tests in the 4th and 5th years of the pharmacy curriculum

Mr. Becker: a Ph. D. and a case of beer

Dr. Costello: something to relieve head drop

Dr. Euler: a dozen long stem mushrooms

Dr. Ichniowski: an arm rest and a pitcher of water when he lectures

Mr. Kaufman: a dozen blue shirts to complete his wardrobe with the initials J.G. (J.G. refers to Joe Gish)

Dr. Lamy: a course in how to lecture with more speed

Mr. Leavitt: a pipeful of aged green sheets, and a cupful of coffee from the case problem bean

Dr. Miller: a pocket large enough to carry his tinker toys

Dr. Shangraw: Hershey bar and a subscription to Popular Mechanics

Dr. Slama: a summer house to go to, while they fumigate his city home against the pest, *Ancalitis Jacobipea*

Dr. Zenker: a patent for his x-ray stare machine

Dr. Driever: a seat next to Dr. Lamy when he takes his course in speed reciting

Dr. Shay: a book entitled, "How to Curve a Course Properly"

Mr. Diamond: a Ph. D. degree and an experiment that works

Dr. Krywolap: a microscope with bifocals attached

Dr. Leslie: a babysitter, power to do something as our class adviser, and a table showing the entropy changes during the Irish potato famine

Mr. Burbage: a book entitled "Questions and Answers"

Mr. Dean: a lecture when everyone is on time and a math problem that cannot be solved, but looks like it can

LAST WILL AND TESTAMENT

STUDENTS

CAROLYN AVERY: another law term paper

JOHN BERRY: a life supply of DOSS

BARRY BLOOM: the permanent name of Harry

MITCHELL CHRISTIAN: appointment as Pharmaceutical editor to T.V. Guide

MICHAEL COHEN: sportcoat and a date

ANTHONY COURPAS: the U.S. Army's kidney stone award of the year

JOHN DAILEY: a supply of rats with no teeth or claws for Pharmacology laboratory

JOHN DONNELLY: an intelligent question

WILLIAM EDMONDSON: enough time in Pharmacy lab

FREDRICK ENG: Jewish egg roll

SHELDON ERDMAN: a seat next to Edmondson

BERNARD FISHER: a nursing student

CHARLES FLEISCHER: a toupee

ROGER HEER: a scratch sheet and a plastic bag for emergencies

GARY HESS: a haircut

RONALD HOFFMAN: appointment as liquor representative for a drug firm

EUGENE JOHNSON: a tremendous example

MELVIN LESSING: a dispensory in foxhole No. 4

RONALD LINDENBAUM: calculator to count the number of hours studied

LAWRENCE MARTIN: an unintelligent word

BARRY MEYER: a seat between Martin and Moore for life

WILLIAM MOORE: a New York address

ROBERT MUSCH: one year's subscription to the Jewish Times

JOAN NEINER: Toni — home permanent

JACK PINCUS: gossip column

MARSHA RAYMAN: parking space inside the Out Patient Clinic

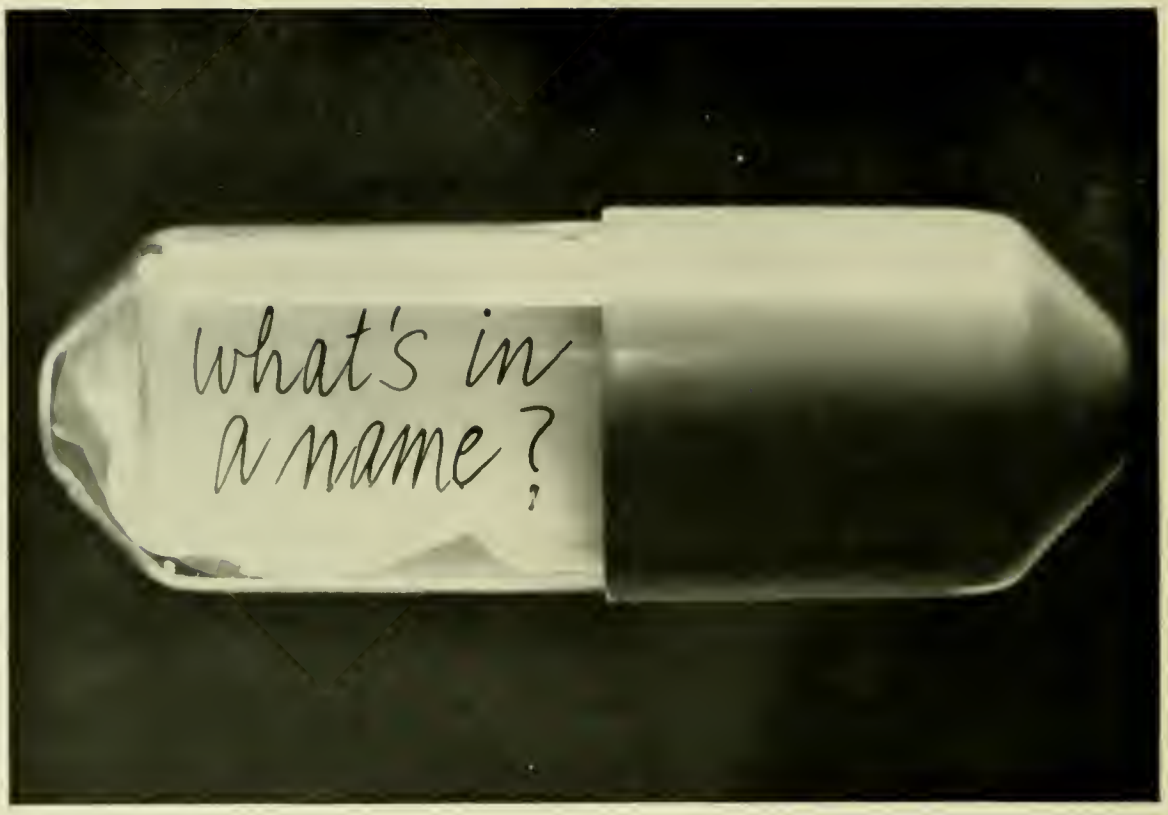
JENINA SPURAS: something resembling a kind word

STANLEY TANNEBAUM: a course in hen peckery given by Barry Meyer

JOHN TIMS: an extremely exciting thought

DAVID VIA: a white nose

MYRON WEINER: a course in gentlemanly behavior in pharmacy lab given by Gary Hess



Welcome to the dialogue.

You'll be hearing a lot of talk in the time ahead about generic equivalents.

One view holds that as long as drug products carry the same generic name, they will be chemically and therapeutically alike in every respect.

Chemically alike? Maybe.

Therapeutically alike? Not necessarily.

Reason? Variations in technique of manufacturing and quality control which can affect such things as:

- crystalline structure
- disintegration rate
- solubility rate
- absorption characteristics
- duration of action.

Obviously, laboratory analysis can reveal the components in a drug product. But manufacturing techniques can't be so readily learned. That's why drug products made according to techniques proven in clinical trials may perform differently than unproven chemical copies made by different processes.

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in his endeavors to

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